

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	52	vibrator and impulse and deconvolution and seismic	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/02/03 11:07
L3	234	("0367189").PN. or (367/43).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/02/03 11:07
L4	0	l3 and "amplitude values less".clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/02/03 11:08
L5	500	((367/189) or (367/43)).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/02/03 11:24
L6	2	((("5400299") or ("5550786")).PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/02/03 11:27
L7	0	l5 and "amplitude values less".clm.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/02/03 11:27
L8	14	("4346461"   "4601022"   "4607353"   "4862423"   "5134590"   "5325436").PN. OR ("5550786").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/02/03 11:27
S1	50	vibrator and impulse and deconvolution and seismic	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/21 08:56
S2	2	S1 and krohn.in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/21 09:01
S3	48	S1 not S2	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/21 09:01
S4	36	S3 and @ad<"20030401"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/21 09:04
S5	12	S3 not S4	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/21 09:02
S6	232	(367/43).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/05/21 09:02

S7	262	(367/189).CCL.S.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/05/21 09:02
S8	1	("20060250891").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/05/21 09:52
S9	18	((("5142498") or ("5347494") or ("5400299") or ("5410517") or ("0550786") or ("5703833") or ("5715213") or ("5719821") or ("5721710") or ("5790473") or ("5822269") or ("6049507") or ("6148264") or ("6151556") or ("6161076") or ("6418079") or ("6687619") or ("6766256"))).PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/05/21 10:46
S10	7	("3885225"   "4823326"   "4982374").PN. OR ("5822269").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/21 09:27
S11	13	S9 and impulse	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/21 09:28
S12	26	("3332511"   "3885225"   "4159463"   "4545039"   "4608673"   "4646274"   "4707812"   "4715020"   "4823326"   "4982374"   "5000285"   "5550786"). PN. OR ("5721710"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/05/21 09:34
S13	5	("5550786").URPN.	USPAT	OR	ON	2007/05/21 09:39

S14	28	(US-20060050611-\$ or US-20050122840-\$ or US-20060018192-\$ or US-20070091721-\$ or US-20060158962-\$ or US-20020091487-\$ or US-20030163260-\$ or US-20030210609-\$).did. or (US-4348749-\$ or US-4607353-\$ or US-4630242-\$ or US-4688198-\$ or US-5241513-\$ or US-5253217-\$ or US-5384752-\$ or US-5400299-\$ or US-5550786-\$ or US-5703833-\$ or US-5715213-\$ or US-5719821-\$ or US-5721710-\$ or US-5790473-\$ or US-6161076-\$ or US-6687619-\$ or US-6842701-\$ or US-7050356-\$ or US-4608673-\$ or US-4646274-\$).did.	US-PGPUB; USPAT	OR	ON	2007/05/21 09:43
S15	8	S14 and S9	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/21 09:43
S16	1	("5822269").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/05/21 10:46
S17	21	(US-20070091721-\$ or US-20060158962-\$ or US-20060050611-\$ or US-20060018192-\$ or US-20050122840-\$ or US-20030210609-\$ or US-20030163260-\$ or US-20020091487-\$).did. or (US-7050356-\$ or US-6842701-\$ or US-5400299-\$ or US-5550786-\$ or US-5384752-\$ or US-5253217-\$ or US-5241513-\$ or US-4688198-\$ or US-4630242-\$ or US-4607353-\$ or US-	US-PGPUB; USPAT	OR	ON	2007/05/21 10:47

		4348749-\$ or US-4646274-\$ or US-4608673-\$).did.				
S18	2	S17 and "normal moveout"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/21 10:47
S19	0	S17 and supergather	US-PGPUB; USPAT; EPO; JPO	OR	ON	2007/05/21 10:52
S20	1	("4688198").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2007/05/21 10:52
S21	4	"vibrator signature" and amplitude	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/25 13:46
S22	33	(vibrator same signature) and amplitude	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/25 13:48
S23	1	"7257049"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/25 13:52
S24	1	("6263285").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/01/26 11:09
S25	1	("5400299").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/01/26 11:09
S26	14	("3629801"   "4598391"   "4752916"   "4887243"   "4918668"   "4979150"   "5163028"   "5235554"   "5400299"   "5696734"   "5754492"   "5825716"   "5991238").PN. OR ("6263285").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/26 11:10
S27	14	S26 and amplitude	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/26 11:11
S28	2	S27 and "amplitude spectra"	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/26 11:11
S29	6	S27 and "amplitude spectrum"	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/26 11:11
S30	6	S28 or S29	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/26 11:11

S31	2	S30 and signature	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/26 11:11
S32	22	(US-20070091721-\$ or US-20060158962-\$ or US-20060050611-\$ or US-20060018192-\$ or US-20050122840-\$ or US-20020091487-\$).did. or (US-7050356-\$ or US-6842701-\$ or US-5400299-\$ or US-5550786-\$ or US-5384752-\$ or US-5253217-\$ or US-5241513-\$ or US-4688198-\$ or US-4630242-\$ or US-4607353-\$ or US-4348749-\$ or US-4646274-\$ or US-4608673-\$ or US-7257049-\$ or US-6263285-\$ or US-4979150-\$).did.	US-PGPUB; USPAT	OR	ON	2008/01/26 11:21
S33	14	S32 and "impulse response"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/26 11:22
S34	11	S33 and @ad< "20040113"	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/26 11:22
S35	5	S34 and (amplitude same impulse)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/01/26 11:24
S36	1	("20060250891").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/01/26 11:25
S37	1	("20060250891").PN.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/01/31 11:17

2/ 3/ 08 11:29:23 AM

C:\Documents and Settings\DHughes1\My Documents\EAST\Workspaces\550406.wsp